GOVERNMENT OF INDIA
POWER
LOK SABHA

UNSTARRED QUESTION NO:3515
ANSWERED ON:07.09.2007
FAULT IN NTPC POWER PLANTS
Deshmukh Shri Subhash Sureshchandra

Will the Minister of POWER be pleased to state:

(a) the details of fault occurred in the power plants of NTPC during the last three years and till date, year-wise/unit-wise; and

(b) the steps taken by the Government in this regard?

Answer

MINISTER OF THE STATE IN THE MINISTRY OF POWER (SHRI SUSHILKUMAR SHINDE)

(a) : The breakdown of power plant units is measured in terms of forced outages. The details of forced outages in NTPC power plants, for the last three years till date, year-wise are annexed.

(b) : The action plan to minimize the forced outage of NTPC power plants is as under:

I. Catering to Plant ageing:

For the old fleet of 500 MW KWU machines, detailed action plan for spares procurement and purchase order from respective stations for moving and guide blades has been placed.

Generic problem in High Pressure (HP) turbine module (500 MW) of KWU design has been identified and attributed to inability to evacuate steam after tripping. This requires modification. Design modification to prevent HP turbine blade failure for old fleet of 500 MW KWU turbines in 6 sets has been completed during the planned outages of the year 2006-07 and remaining 4 units will be covered in the year 2007-08.

For 200/210 MW LMZ machines, repair/replacement of diaphragms, blades and nozzle block completed in 6 units. Remaining will be completed in FY 2007-08.

II. Catering to achieve 90% + availability on sustained basis in the long run:

Proposal for procuring modular and interchangeable spares for all equipments viz. Turbine Generator(TG), Generator, Transformer, Boiler etc. having long procurement lead time and repair time for various units of NTPC has been initiated. Target for placement of order is FY 2007-08.

III. Reduction of Tube Leakage:

Action plan for reducing boiler tube leakage is under implementation.

KWU: Kraft Works Union
LMZ: Lenin Gradsky Metal Zasky Zavod